

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 24	
2. AMENDMENT/MODIFICATION NO. 005		3. EFFECTIVE DATE 07/22/2010		4. REQUISITION/PURCHASE REQ. NO. NM-10-01640		5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE				7. ADMINISTERED BY (If other than Item 6) CODE			
Federal Aviation Administration Acquisition Management Group, ANM-52 1601 Lind Ave SW Renton, WA 98057							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(X)			
				<input checked="" type="checkbox"/>			
				<input type="checkbox"/>			
				<input type="checkbox"/>			
				9A. AMENDMENT OF SOLICITATION NO. DTFANM-10-R-00045			
				9B. DATED (SEE ITEM 11) 06/15/2010			
				10A. MODIFICATION OF CONTRACT/ORDER NO.			
				10B. DATED (SEE ITEM 13)			
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
 or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See page 2 through 24 for answers to questions received.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

I. The above referenced solicitation is amended as follows:

- Receipt of Offers: The date for receipt of offers remains **July 29, 2010**.
- The following changes are made to the Solicitation, Specifications and Drawings:
 - Additional information for Amendment No. 002, question 10. The Radio Amplification System shall comply with the Clark County Fire Prevention published requirements for their 700/800 MHz band Motorola Model XTS 5000 radios and have a minimum strength of 95 dBm for two-way coverage on each building floor.
 - Question 32, Amendment No. 004 - Radio Amplification only. No firefighter's telephones.
- The following clarifications/revisions are made to the referenced questions in Amendment No. 004:
 - Questions 64, 71 and 79 appear to expand the scope of the warranty, however that was not the intent. Manufacturer warranties are issued to the Government, but enforced by the contractor as required by AMS clause 3.10.1-20 (g). Also important to note about 3.10.1-20 titled, "Warranty - Construction", is this warranty language is "in addition to any other warranty language in this contract", specifically language that is provided in the specification. The language of 3.10.1-20 is to be viewed as the minimum warranty while the specification expands on the specifics for each section of work. For example, specification section 01 60 00 expands the minimum of one year to two years from CAI and requires three years for HVAC and fire protection equipment.

Specification section 08 44 13 provides a warranty of 10 years, therefore the contractor is obligated to enforce the warranty for the benefit of the Government for a period of two years from CAI. This also applies to all manufacturer warranties elsewhere in the specification.

Please note that ALL warranties must start from the date of CAI, not from sales dates, delivery dates, or installation dates. If the Government takes possession of any part of the work before CAI, this warranty shall continue for a period of two years from the date of substantial completion or the Government takes possession. For definitions of CAI and substantial completion, refer to 01 77 00, Closeout Procedures.
 - Question 14 indicates to see detail C6/S540 for the lower spandrel walls on Gridline G between lines 3-4 and 5-10. By using this detail you are installing a 2.5' deep x 5.5' wide footing at these areas. Delete the tie beams at these areas. Provide concrete wall with 2'-0" x 5'-6" footing per detail C6/S540 at these areas. The longitudinal horizontal reinforcing in this footing is (7)- #7 top & bottom per detail C6/S540. Extend this longitudinal horizontal reinforcing 4'-0" into the column footings at each end of the wall footing.

▪ Answers to questions received from offerors:

1. Question: Refer to sheet E612. Panel LBDPH and UPS LOADBANK LBHU are shown on One-Line, however their location is not indicated on the drawings. Please clarify their location.

Answer: Panel LBDPH is shown on Sheet E401 and the UPS Loadbank LBHU is shown on Sheet E120.

2. Question: Is MC cable approved for use in concealed and accessible locations for lighting and power branch wiring?

Answer: No. MC cable is only allowed for exposed indoor branch circuits and in cable tray, typically for FAA rack/equipment circuits as noted on the Drawings. See Specification Section 26 05 19 Paragraph 3.2.B.1.

3. Question: Spec section 08 56 53 calls out three different glass make-ups for different areas of the base building, however on the plans it calls for all the exterior glazing to be 1" insulated. Clarify design intent.

Answer: Contractor to follow specification for glass types and their location as well as sheet A609 and A611.

4. Question: Detail B5/C617 Header Curb detail calls for a Type D Tied Construction Joint per detail A5/C601. This curb is 16" wide. The A5/C601 detail calls for the Type D joint to have 15" of lap on each side. Please clarify that this is okay as this will only allow 1" of concrete coverage rather than the 3" required per Detail B5/C617 on the curb side.

Answer: The clearance should be 3" from outside edge of concrete header curb, the length of reinforcement can be reduced by 2" at this location.

5. Question: Is this project exempt from Clark County Department of Air Quality?

If not, is the FAA or WH Pacific making sure the Permanent Stationary equipment IE: Boilers, generators (full duty/emergency/stand by), cooling towers, gasoline dispensing operations meets the environmental threshold levels outlined in CCAQ sections 12.1 to 12.3.2. (Y) permitting requirements for minor or major emitting sources. The bid documents say the contractor is responsible for all permits, however, these are normally a owner/operator permit?

If this is a contractor item and the FAA is exempt from Clark County Air Quality permitting requirements are there similar EPA requirements/permits that are required?

Answer: No, it is not exempt.

The Contractor is required to obtain all environmental permits for the construction of the ATCT. Specifically for air quality, the contractor should apply for and obtain from the Clark County Department of Air Quality & Environment:

- 1. An Authority to Construct Certificate (Including the Emission Unit Information - Internal Combustion Engine Supplemental Sheet)*

2. Dust Control Permit including the Dust Mitigation Plan

Copies of the approved certificate and permit should be provided to the FAA prior to the start of construction.

The FAA will file for the NPDES permits; however, the contractor will be required to comply with them.

6. Question: In reviewing the contract documents we notice no mention of liquidated damages for late completion that we typically find on other Federal projects and understand from the documents that actual damages would apply. As actual damages may be hard to determine we ask that the Owner consider adding a clause stipulating liquidated damages.

Answer: Refer to Questions 95 and 96 of Amendment No. 004.

7. Question: What ongoing or future airport operations would be impacted through the ATCT and TRACON not being completed within the allotted construction schedule?

Answer: We are not aware of any.

8. Question: Frame type F7 calls for 2 hour rated glass and frames but the doors that go in those frames are called out for a 90 minute rating.

Answer: See response to question 77 Amendment No. 00 4.

9. Question: Please provide specifications for the 3 hour rated sidelite panels mentioned at doors 103A, 202A, 302A, and 402A?

Answer: See response to question 78 Amendment No. 00 4.

10. Question: Keyed note #3 on A609 mentions door 504. Door 504 is not on the door schedule.

Answer: Delete reference to door 504. Door does not exist.

11. Question: Door 2101A is called out as type H, which is not shown in the door types section. Please clarify design intent.

Answer: Change door 2101A to type 'A' & add keyed note 3 to door type 'A'.

12. Question: Section 084413-2 the specifications call for the Curtain Wall finish to be Medium Bronze on the Exterior and Champagne anodized on the interior. Please confirm this is accurate.

Answer: Provide all medium bronze on interior as exterior.

13. Question: On Sheet E125 – Details B4 thru B8, keyed notes 8 & 9 call for a 2-hour conduit chase for the fire pump conduits. This is not shown on the architectural plans. Please specify the type of 2-hour chase that is being required.

Answer: Provide a 2 Hour rated shaft wall assembly of 3 walls around the Fire Pump Conduits shown on E125 – B4, B5, B7, B8, & D8. Walls shall have clear chase dimensions of 4" deep by 12" wide. Wall shall consist of 1" shaft liner interior, 2 ½" C-H Studs and 2 layers of 5/8" gyp. bd on finished side (UL Design No. U415- System C).

14. Question: Drawing S141 at grid line 1 between lines B&C indicates a 2" expansion joint, whereas the section E3/S546 for that area indicates a 1" expansion joint. Please clarify what is required at this location between the ramp and the 2nd level parking deck.

Answer: 2"

15. Question: At present time there are no NV Energy Off-Site Drawings or Specifications for this Project. If this work is to be included in our Offer, please provide Drawings & Specifications for this Work.

Answer: The drawings will be presented to the contractor once the drawings are complete. Future negotiations will be necessary to include this work into the contract once the designs are complete and pricing can be accomplished.

16. Question: At present time there are no Century Link / COX Off-Site Drawings or Specifications for this Project. If this work is to be included in our Offer, please provide Drawings & Specifications for this Work.

Answer: The drawings will be presented to the contractor once the drawings are complete. Future negotiations will be necessary to include this work into the contract once the designs are complete and pricing can be accomplished.

17. Question: The Electrical Symbols Legend on the drawings states that all fixtures that are shaded are to have emergency ballasts. Per the Fixture Representative for the LED Fixtures, there is no such option available. Please advise how you would like to resolve this conflict.

Answer: See response to Question No. 60 in Amendment No. 004.

18. Question: This Detail calls out / references Key Note No. 11. There is no Key Note No. 11 on the Drawings. What is Key Note no. 11?

Answer: There is no drawing/sheet reference, so the question is not clear.

19. Question: Drawing Note numbers 19 & 20 refer us to see Detail G2 on Drawing E502 for the Hand Hole Detail. Detail G2 on Drawing E502 states the "Hand Hole Size Dimensions are Specific for Each Application and are Indicated on the Drawings". There are no "Hand Hold Dimensions" shown on the drawings. Please provide us with this missing information.

Answer: See response to question 59 Amendment No. 004.

20. Question: Refer to Specification 12 24 12. Specification as provided are only for the Guard House Building. There are no Window Treatments specified or called for at either the Control Tower or the Office Building. If Window Treatments are required anywhere other than the Guard House we ask that you please provide us with Details & Specifications for same.

Answer: See response to question 1 and 2 Amendment No. 004.

21. Question: M – 501, Detail F8, Note 4, Muffler/Silencer supplied by Government. Who supplies Flex? (Note; there are (2) two of them and a header that ties them together). Are these also being supplied?

Answer: Mufflers/silencers and flex are provided by the Government.

22. Question: Refer to Drawing M503, G4. Anchor block will have to be engineered. Thermacor will show where anchor blocks must be located, but will not engineer. Who is responsible for engineering the anchor blocks?

Answer: Manufacturer to provide fittings and anchors per specifications. Including any information as suggested in soils report.

23. Question: Stair pressurization fans SF-1 & SF-2 shown in details F7 & F5 on dwg. M108 as utility type. Detail F4 on dwg. M501 and fan schedule on M604 call out for SF-1 & SF-2 to be inline models, which will not allow configuration as shown on dwg. M108. Which type of fan is to be used?

Answer: In-line fan per schedule and specification

24. Question: Reference Spec. Section 23 07 00 Pg. 17, Paragraph 3.2 B.1 - coat carbon steel operating at 32 degrees to 300 degrees with epoxy. Is this specification asking for carbon steel pipe to be painted with epoxy before being insulated?

Answer: Yes, see 3.2.B "Before insulating..."

25. Question: Reference spec section 23 21 13, paragraph 1.4 H Water Analysis. Is the water analysis referenced in this specification asking for in this section required prior to start of construction or prior to start-up of system?

Answer: Paragraph 1.4.H refers to job site, prior to start of work.

26. Question: Reference spec section 23 31 13, paragraph 2.3 D Factory or shop – applied Antimicrobial Coating. Is all ducts including exhaust air required to be coated? 1. An untreated clear coating shall be applied to exterior surface. What is untreated clear coating and what purpose does it serve?

Answer: For all ducts not provided with antimicrobial duct liner excluding exhaust. Delete the "untreated clear coating" requirement.

27. Question: Reference spec section 23 31 13 Pg. 11, Paragraph 3.5 G.1. Identify position of reinforcing steel and other embedded items prior to drilling holes for anchors. Is this specification asking for X-ray or other method of detection to locate Embedded items prior to drilling and setting anchors?

Answer: Yes

28. Question: Reference spec section 23 31 13 Pg. 12, paragraph 3.7 – Paint of metal ducts that are visible through registers and grilles. Is the painting required by this spec on top of the Antimicrobial coating required in paragraph 2.3 D?

Answer: No Antimicrobial for the minimal painted portion.

29. Question: Reference spec section 23 31 13 Pg. 12, paragraph 3.8 C. 2. Duct system Cleanliness tests:
Specification is asking for vacuum test in assessment, cleaning and restoration of HVAC systems. As the project is new construction and all duct and equipment is required to be sealed and protected from the elements, will this test still be required?

Answer: Yes, bid as specified.

30. Question: When does the warranty period begin; following Substantial Completion and the "End Project" activity or when the Owner begins load-in of their equipment/systems or will phased substantial completions be executed for areas the owner wishes to occupy early?

Answer: Warranty period begins when Substantial Completion is granted by the Contracting Officer.

31. Question: When will the Owner need to begin load-in and installation of their equipment/systems in the ATCT and the TRACON buildings? Also, how long do they estimate these activities will take? We would like to include activities within our project schedule to include these items of work.

Answer: Load-in/installation of FAA equipment will begin after Substantial Completion and will be completely separate activities from construction.

32. Question: The project Specifications indicate that a "Qualified Testing Agency" or "Qualified Independent Testing and Inspection Agency" will be engaged to perform various inspections/testing. See attached specification references. Please clarify if these agencies will be contracted by the FAA (owner) or the General Contractor. It is our present assumption that these services would be contracted and paid for by the General Contractor. Please clarify.

Answer: Contractor's assumption is correct, tests are the Contractor's responsibility. See response to question 2 Amendment 3.

33. Question: Please refer to drawing A124, Note 7. Please provide specification for projector mount.

Answer: Provide a standard projector platform suspended from structure above. Power operated, tied to data.

34. Question: 08 56 53 Blast Resistant Tempered Glass Windows, 1.3/A/1 (glass types 1 and 3): calls for 3/8" and 5/16" annealed outer layers respectively. 2.3B says the basis of design is "Pilkington LOF, Eclipse Reflective glass; bronze Glass with silver reflective coating". Glass fabricator Oldcastle Building Envelope says these thicknesses are not standard stocking sizes for Eclipse and not readily available. This glass also cannot be put on the laminated inner lite. Can the commonly available 1/4" Eclipse be used on the outer lite instead?

Answer: Bid as specified

35. Question: 08 80 00 Glazing, 1.1A 5 says “unframed mirrored glass for restrooms”. Detail G5 on A402 clearly shows the framed restroom mirror, using designation 01 in a square box. All restroom mirrors are shown like this. Spec. Section 10 28 00 says these are Bobrick framed mirrors. Is there unframed mirrored glass in the restroom, or anywhere else?

Answer: Provide mirror glass per 08 80 00. Provide ½” Stainless steel frame surround.

36. Question: Per drawing A409 the cab finishes differ from the specifications 14 21 00 section 3.6. Please provide direction on whether the drawings or the specifications are correct.

Answer: Follow Drawings

37. Question: Sheet A606 (Base Building Finish Schedule) General note C calls out for all exposed steel and decking to be fireproofed. Sheet G005 Part VII A, B & C has 0 hour rating for all steel members for base building. Please confirm that sheet G005 is correct and no fireproofing is required for this area?

Answer: Follow G005

38. Question: Each Elevation includes key note 9 “ADA Accessible Cook Top”. Specification section 11 45 00-3.2.6 specifies a convention range with cook top. Please clarify.

Answer: Provide ADA cook top.

39. Question: Sheet A407 General note A calls out for all exposed steel to be powder coated. Key note 18 on sheet A321 calls out for sunscreen tube steel to be powder coated. Painting schedule calls for all exterior and interior metal to be field painted. Please clarify which exposed steel are to be powder coated.

Answer: See response to question 8 Amendment 3.

40. Question: M - 402, Note #7, calls for 12” stainless steel pipe. M – 501, detail F8 shows 10” Schedule 40 Black. Please Clarify.

Answer: Stainless Steel, per note 7 M402.

41. Question: Sheet A406 key note #1 calls out for tower stair railings to be stainless steel. Spec section 055100 2.8 A.1. calls out for tower stair railings to be steel tube railings with steel mesh infill . Please confirm if stainless steel railings is required for tower stair railings.

Answer: No stainless steel railings in tower stair provide steel tube railings.

42. Question: Reference spec. section 23 36 00 – 3, paragraph 2.1 C. 1. a.b. and spec section 23 36 00 – 4, paragraph 2.1 H. 1. a.b. Fan powered air terminal units call for casing and Attenuator section to be lined with ¾ inch thick coated Fibrous-glass duct liner to be covered with (a.) cover liner with non-porous foil, (b.) cover liner with non-porous foil and perforated metal. Which application requires a cover liner with non-porous foil and which application requires a cover liner with non-porous foil and perforated metal?

Answer: Liner with non-porous foil is standard. Liner with foil and perforated metal is for double wall casings.

43. Question: Reference spec section 23 33 00, Pg. 13 paragraph 3.1 H. Drawing M501, Detail D6. Specification calls for security bars to be constructed of 0.164 steel sleeve, continuously welded at all joints and 1/2 inch diameter steel bars, 6 inches o.c. in each direction. Weld 2-1/2" x 2-1/2" by 1/4" steel angle to 4 sides and both ends of sleeve. Drawing M501 detail D6 shows security bar being constructed of 1-1/2" x 1/4" steel bars at 3" on center with 1/2" round vertical bars at 3" on center. Is construction on security bars to be fabricated to the specification or to the drawing? Is the material used for security bars to be unfinished steel or galvanized?

Answer: Provide per specification

44. Question: Reference spec section 23 36 00, Pg. 5 paragraph 2.2 C. 1. a.b. Single duct air terminal units are being specified to be constructed with Fibrous-glass duct liner to be covered with (a) cover liner with non-porous foil, (b) cover liner with nonporous foil and perforated metal. Which application requires a cover liner with non-porous foil and which application requires a cover liner with non-porous foil and perforated metal?

Answer: See question #42 above.

45. Question: All of the Floor Plans for the ATCT show the west elevator wall as wall type D or D.1. Please confirm that this wall type should be a 6", 2 hour shaft wall at these locations as access to the backside side of the wall is limited. Reference A106 to A112.

Answer: West wall of the elevator shaft shall be type 'D.1'. Change wall type indicator on west wall of elevator shaft on C7/A112 to read 'D.1'. Contractor option to provide 2hr rated shaft wall assembly on 4" CH stud.

46. Question: The chase wall in the Elevator Lobby of the ATCT, southwest corner, on floors 3 and 4 is called out as wall type Q. Please confirm it is acceptable to build this non rated chase wall with a furring wall with drywall on one side. Reference A107.

Answer: Wall type may be changed on levels 3 & 4 to type 'U'. Contractor option to provide 2hr rated shaft wall assembly on 4" CH stud.

47. Question: The Communication Chase in the Elevator Lobby of the ATCT has wall type D called out. Please confirm it is acceptable to build this rated chase out of 4", 2 hour shaft wall at these locations. Reference A106 to A112.

Answer: Use wall type 'D' as indicated. Contractor option to provide 2hr rated shaft wall assembly on 4" CH stud.

48. Question: Rooms 1605 and 1705 in the ATCT has two chase walls adjacent to Stair 3 called out with wall type D. Please confirm that it is acceptable to build the rated chases with 4", 2 hour shaft wall at these locations. Reference A110.

Answer: Contractor to provide 2-hr rated shaft wall assembly on 4" CH stud.

49. Question: Affirmative Action Compliance Requirements for Construction item (c) identifies goals for minority and female workforce participation of 13.9 and 6.9 percent respectively. In reviewing the direct and indirect solicitation documentation including AMS 3.6.1-4 (January 2010) and AMS 3.6.1-6 (January 2001) we are unable to locate any specific subcontracting goals to use small businesses, small disadvantaged businesses, woman-owned small businesses, veteran owned small businesses and service-disabled owned businesses for this project. We have been taking proactive steps throughout the bidding process to solicit bids and involvement by the various minority and female subcontractors and suppliers in the area. Please confirm if any subcontracting goals are required for this project other than workforce participation goals and if subcontracting goals are required what are the percentages of each goal for each business type.

Answer: Specific goals have only been set for the "Affirmative Action Compliance Requirement for Construction" clause. Percentages for subcontracting plans as they relate to clauses 3.6.1-4 and 3.6.1-6 are determined by the contractor. However, if the proposed subcontracting plan cannot be found to be in the best interest of the government relative to market conditions as proposed by all offerors, award will not be made to that offeror.

50. Question: Is there a designated location for the selected prime contractor and their subcontractors to park? Due to AOA restrictions and other site construction projects, space is very limited. Is busing already readily available? Is there a remote lot the prime contractor can use for parking? Would we then be required to provide our own busing?

Answer: CCDOA is currently working on potential areas for contractor parking/staging however the FAA cannot guarantee that these areas will be secured and the location of these areas by the time construction starts. The contractor needs to be prepared to provide provisions for employee parking and busing within their bid.

51. Question: Will there be an interview process after RFO proposals have been received?

Answer: The Government reserves the right to award on initial offers without discussions or to conduct one-on-one discussions with one or more offerors to clarify issues relating to scope, pricing, responsibility, or exceptions to the contract documents.

52. Question: Sheet T101 has conduit size indicators where there appears to not be any conduit. Please clarify conduit sizes on this sheet.

Answer: See response to Question No. 34 in Amendment No. 003.

53. Question: T Sheets show a complete Paging Address System indicating wire size, speaker symbols and Amplifiers, there is not a spec section covering this system. Who is to provide and install the wire and equipment? Please clarify.

Answer: See response to Question No. 35 in Amendment No. 003. The Contractor shall provide the Public Address System.

54. Question: Please clarify who is providing and installing the communications devices and equipment. There is not a spec on this system.

Answer: See response to Question No. 35 in Amendment No. 003. The FAA will provide the remainder of the communications system.

55. Question: The following panels: Gen-A1-1B, Gen-A1-LBB, Gen-B1-1B, Gen-B1-LBB, LBDPH, LBHU, Meter Enclosure, CT Cabinet are identified as FAA Furnished on One-Line sheets E611 through E616, but are not on the GFE Spec 260001 Equipment List. Please clarify who is to provide the stated equipment.

Answer: The Meter Enclosure and CT Cabinet are not identified on Sheets E611 & E612 as Government Furnished Equipment. These are Contractor provided.

The rest of the items listed are GFE.

Gen-A1-1B and Gen-B1-1B are the circuit breakers in the Package Generators

Gen-A1-LBB and Gen-B1-LBB are the circuit breakers in the Generator Load Bank

Control Panels

LBDPH is the UPS Load Bank (LBHU) Control Panel

UPS Load Bank (LBHU) is on both

56. Question: Part 1 - Section B in the Specs list the required Bid Items. There is not a Detailed Scope of work for each of these Items. Please clarify What Required Work is to be included in each Bid Item (IE: Feeders, Conduit, Installation)

Answer: This is being left to each Contractor's discretion.

57. Question: Sheet E612 Panel LBDPH and UPS LOADBANK LBHU are shown on One-Line. They however do not show there location on the drawings. Please clarify their location.

Answer: See Response to Question 1 above.

58. Question: Is the use of MC cable approved for use in concealed and accessible locations for lighting and power branch wiring?

Answer: See Response to Question 2 above.

59. Question: Please clarify who is to provide and install the 1000A Fire Pump Disconnect on sheet E611. Will this be covered by Div 21 or by Div 26?

Answer: The Fire Pump Disconnect Switch should be provided by Div 26.

60. Question: In regards to the Bid Items. Please clarify Bid item 14 & 15 "Power System A & B", would the Feeders for this Bid Item fall under this bid item as well or Bid Item 8 "Cables Underground" when under 1st floor slab? Or would they fall in there corresponding Bid Item 1-4? Please Clarify.

Answer: This is being left to each Contractor's discretion..

61. Question: Spec. 23 15 21 Stair Pressurization System: Verbiage throughout this section include the words "new", "field verify", "demolition", "modify", "changes" and "notify occupants". The content of this verbiage seems to indicate this spec is written around a retrofit of an existing building. Please clarify spec intent.

Answer: Correct specification referencing is 23 15 71. Refer to paragraph 1.2.A. "... a complete and fully operational, new stair pressurization system...." and paragraph 1.2.C.

62. Question: Spec. 23 15 21 par 1.2.A: Is it the intent for the Div 23 contractor to design the stair pressurization system? If so is there a fire life safety report to review?

Answer: Correct specification referencing is 23 15 71. Refer to paragraph 1.2.C. Must also be included as part of Fire alarm submittals

63. Question: Spec. 23 15 21 par 1.2.C, par 1.3.F, par 1.5.D, par 2.5 and par 2.6: Is it the intent for the Div 23 contractor to include addressable fire alarm system components and associated wire, conduit, labor, programming, testing, commissioning, and system technician?

Answer: Assume you are referring to Section 23 15 71, Stair Pressurization System. The intent is to have a fully operational and integrated system. Connection of the Stair Pressurization System to the Fire Alarm System is part of the Division 28; however, Div 23 subcontractor will need to coordinate with the Fire Alarm Technician for the special requirements identified in this section.

64. Question: Spec. 23 15 21 par 2.3.A: Is it the intent for the Div 23 contractor to provide electrical power (120 VAC)?

Answer: Assume you are referring to Section 23 15 71, Stair pressurization System. The intent is to have a fully operational and integrated system. Electrical power (120 VAC) for the damper motors is called out in the Electrical Design; however, will require coordination identified in para 2.3.A to ensure it is properly connected.

65. Question: Reference. 08 71 00 page 38. The Door types and frame types listed here do not appear to match the Door Schedule on the drawings. Please confirm that the door schedule on the drawings takes precedence.

Answer: Question is not clear. Provide specifics. Where fire ratings differ follow Door Schedule Drawings.

66. Question: Ref. General Note A on A609 and A610 – The note states that the frames are to be compliant with FAA Order 1600.69b and coordinated with the requirements of the Documents Provided by the FAA Security Consultant.

Please provide these documents.

Answer: The FAA will not release the blast charges and pressures per security policy. The drawings and specifications encompass these requirements.

67. Question: Reference Amendment 2 – Question 19, Is the intent of the answer to include door#'s 103A, 104, 105, and 106 at the base of the tower? Also Please confirm that in spec 08 56 53 the Blast resistance requirements apply to the aluminum door 102A at the Base of the tower

Answer: Door 102A does not need to meet the blast requirements.

68. Question: Drawing S101 on gridlines 5,6,7 between gridlines D.5 and F has what looks like tie beams between the pier caps that runs along gridlines 5,6,7. There are no sections or sections

indicated for these beams. Please clarify what these are including sizes and reinforcing requirements.

Answer: See G5/S501

69. Question: Sheet S140 Column Schedule – Columns marked C1, C2 and C3 tie spacing as 12” OC. Will this require additional ties for ½ of the tie spacing for 1/6 of the clear span?

Answer: Yes

70. Question: Are hooks required at tops of columns? If so, show pattern that does not interfere with the base plate anchor rods.

Answer: Hooks are required, headed ends may be considered.

71. Question: Sheet S543 Detail A6 – Clarify the (3) #9 x 15-0 added top beam at grid 4.

Answer: Add 3 - #9 15' in length at locations shown.

72. Question: C5/S541 and B6/S542 call out added #7 x 21-6 at grids 8 and 9 that are not shown on beam elevation E5/S543. Please clarify.

Answer: #7 bar not within beam profile.

73. Question: Details on sheets S541 and S542 shows hooks on bottom slab bars. Could straight be used with a 6” penetration into the beam in lieu of the hooks?

Answer: No

74. Question: Sheet S505 Detail G2 – What size of the welded wire fabric is required for the 2” fill for the stair pans?

Answer: Same reinforcement as the floors

75. Question: Will the contractor be allowed to create construction joints as necessary for concrete formwork means/methods? For instance, will a properly detailed CJ (keyway, dowels, etc.) be approved in the wall form of detail C5/S529 to allow the vertical wall to be placed through level 16?

Answer: Submit for approval by Architect for aesthetic purposes and Structural Engineer.

76. Question: SHT.A408/E3 indicates the return duct under the raised with the RA coming from the open area on level 21. – The Mech. SHT. M113 shows the return duct not under the raised floor with the return air coming from under the raised floor. Where should the return air come from, under the raised floor or from the open area on level 21?

Answer: Construct as shown on Drawings. No conflict shown. Note 6 Sheet M113 are under the raised floor as shown in Sheet A408/E3 and in C7/A113.

77. Question: Refer to SF-1442, Box No. 17. At present time this Box calls for the Offeror to Provide a Breakdown of Costs for Materials & Labor along with a Total Value from the Offeror.

The Bid Form has a total of Twenty (20) Individual Contract Line Items to be provided that when added together will establish a Total Amount for our Offer. In addition, there are Three (3) individual Contract Line Items for Unit Pricing, and One (1) Contract Line Item for the applicable Percentage to be applied for Change Order Mark-Ups. All of this data is to be provided with our initial Offer on this Project. Would it be possible to make the requirements of the Box No. 17 for the Offeror to provide the requested Material and Labor Cost Values as a Post Bid / Pre-Award Requirement?

Answer: For Box No. 17 of SF-1442, provide the total only.

78. Question: Refer to Drawing A6111. The Type J Frames are listed as Non-Rated Door Frames. When you compare the Door Frame Details for the Type J Frame with the Door Frame Details for the Type E Frames (which are Fire Rated), the Details are the same. Please verify whether or not the Type J Door frames are to Fire Rated.

Answer: Change details for window type 'J' to be B6/A508 for head, and A6/A508 for jamb and sill. Type 'J' is not fire rated.

79. Question: Refer to Drawing A609. The Details provided for the Type F7 2 Hour Rated Door Frame does not indicate if these frames are Aluminum or Hollow Metal. Please verify the type material these door frames are to be manufactured from.

Answer: Type F7 should be steel construction, see details on Sheet A508 and specifications.

80. Question: Is it acceptable to change pour joint locations in areas such as the one shown on the attached sketch?

Answer: Bid as shown. Submit for approval by Architect for aesthetic purposes and Structural Engineer.

81. Question: In regards to the Bid Items. Please clarify Bid item 14 & 15 "Power System A & B", would the Feeders for this Bid Item fall under this bid item as well or Bid Item 8 "Cables Underground" when under 1st floor slab? Or would they fall in there corresponding Bid Item 1-4? Please Clarify.

Answer: Reference answer to question #60, this Amendment No. 005

82. Question: Detail D8/S004 Dilled Piers – Would it be permissible to use Lenton Terminators in lieu of the Forged Headed Ends if they meet or exceed the structural requirements?

Answer: Yes if the structural engineer of record approves the substitution.

83. Question: Detail D2/S004 and Schedule D6/S004 Grade Beams – The schedule notes stirrup spacing from each end at each support and balance at 12" OC. What is the extent of these zones?

Answer: Stirrups are full length, note at bottom of schedule to be revised.

84. Question: Is the utilization of an Overhead Traction Elevator that requires an overhead machine room an acceptable alternate for elevator 2?

Answer: NO build as specified.

85. Question: Are 4' wide Elevator Entrance widths acceptable?

Answer: 4'-0" acceptable as the clear opening width.

86. Question: 3.6, B, 8, C states EL 2 has center opening entrances. While in the plans it is drawn with side-opening. Please verify Center Opening is acceptable.

Answer: In specification for Elevator 2 change center to side opening.

87. Question: Would a standard 7' entrance height be an acceptable alternate to the specified 7'-6" custom height?

Answer: Yes 7'-0" will be acceptable provided it meets all code requirements.

88. Question: Would a standard 8' cab height be an acceptable alternate to the specified 7'-6" to canopy custom height?

Answer: 8' cab height is acceptable

89. Question: Are the elevator interior walls to be stainless steel per the specs, or should an allowance be withheld for custom interiors per sheet A409 finish notes?

Answer: CAB Finishes per A409.

90. Question: Ladder Safety Cages - Specification 05 50 00 paragraph 2.13 addresses ladder safety cages. The drawings however, do not appear to call for ladder safety cages. Please advise if there are any ladder safety cages required?

Answer: There are no safety ladder cages required on this project. Not required for height traveled.

91. Question: Level 15 Metal Deck Type - It appears that Drawing B3/S119 ATCT Level 15 Framing Plan does not call out the metal deck type. Please advise which deck type is required.

Answer: 6" concrete slab is called out on plan

92. Question: Ladder Embed Plate - Keyed Note (4) on S141 refers to C2 & B6/S546 for the embedded plate for the ladder. Please confirm that it should read B8 instead of B6 on S546.

Answer: B8/S546

93. Question: Architecturally Exposed Structural Steel - Specification 05 12 00 paragraph 1.2.B says that structural steel that is Architecturally Exposed Structural Steel (AESS) is designated as such in the contract documents. In review of the documents, we have not found an AESS designation. Please advise if there is structural steel on the project designated as AESS.

Answer: Canopies at Base and Tower Entrance, and as per documents. All exposed structural steel within documents are to be AESS.

94. Question: Expansion Joint Width - Drawing C6/S141 calls for a 2" expansion joint between the parking structure deck and the ramp. However, Detail E3/S546 calls for a 1" expansion joint. Please advise as to the desired width of expansion joint.

Answer: 2"

95. Question: May you provide a description of what would be included in separating the power systems "A" compared to power systems "B" pricing?

Answer: This is being left to the Contractor's discretion.

96. Question: Are the main line feeders to the building part of Power system "A" and/or Power System "B" or to be separate from those breakout values?.

Answer: Divide equally between Power System A and Power System B.

97. Question: The parking garage structure is not listed to be painted. Will the parking structure be primed and painted?

Answer: The exposed steel will be primed and painted per spec. the concrete walls are exposed colored concrete.

98. Question: There are numerous exposed ceiling structures in the base building. The finish schedule does not call out that they get paint but fire proofing is noted. Will the exposed structures only get fire proofing and no paint or will we have to paint?

Answer: No paint is required over the fire proofing.

99. Question: The door schedule is not calling out that the frames get paint, is this correct?

Answer: Door frames will get painted

100. Question: I have counted a number of hollow metal doors throughout the project, the door schedule does not call out that they receive paint, is that correct?

Answer: Hollow Metal doors will be painted.

101. Question: Will the wood doors be all pre finished or paint grade?

Answer: Prefinished

102. Question: The comment in section 08 88 00 page 6 calls for the guardhouse glass to be tempered outboard and inboard. But in the drawings it denoted the tempered glass locations. There will be a pricing differential on tempered over tempered or tempered over HS, or HS over HS.

Answer: Question not clear provide as specified and within documents.

103. Question: Attached is the Threat Assessment for Glazing from Kawneer. There seems to be some concern over the blast resistance wall in regards to the UFC 04-010- 01. Please fill in the information attached to allow Kawneer's Engineering team to quantify the values required for blast rated wall design.

Answer: See response to question 34 Amendment No. 004.

104. Question: Mock-ups are indicated in glazing specification section 08 88 00 on page 4 section 1.6 (H.1). No measurements are provided or indicated on the drawings. Please provide.

Answer: Size will be determined during construction. The mockup will be inclusive of all major systems and connections on the project.

105. Question: Must all exterior glazing frames be required to be blast resistant, except for guard shack, ATCT Cab and "S" Element Windows. Please verify and confirm that base building will be the only required building for the UFC 04-010-01.

Answer: Yes base building only designed for blast. ATCT Cab is above blast level but windows must be designed for wind pressures per Specifications.

106. Question: 1.2 Submittals call for PLASTIC WINDOW SHADES. Is this MYLAR?

Answer: See response to question 1 Amendment No. 004.

107. Question: 1.3 Performance requirements D; transparent Plastic shade film construction spec is for FILM not Mylar shade per Madico Inc. who are the available manufacturers for the Mylar shades? Madico only makes a FILM for the Windows not a shade.

Answer: See response to question 1 Amendment No. 004.

108. Question: Shade Operation: Indicates Manual operation. Is this for the Tower windows? Normally they are motorized with a single button control system wired into the building. Is this the intent to go Manual?

Answer: See response to question 1 and 2 Amendment No. 004.

109. Question: Specs indicate guide wires for the shades. Is this the intent because they will leave gaps beside each window? Normally they should be within a track to accommodate the pitch of the windows.

Answer: See response to question 1 and 2 Amendment No. 00 4.

110. Question: Is there a specific specification for the TRACON Building windows?

Answer: Yes see spec sections: 08 41 13 and 08 44 13and 08 80 0.

111. Question: Please reference sheet LAS-E-ATCT-F001, under "Fire Protection Design Criteria" – "Standpipes" The notes call for a demand of 500 GPM to the remote standpipe with 0 GPM required for additional standpipes. However, there is a second standpipe that should require an additional 250 GPM flowing. Therefore it seems the total standpipe demand should be 750 GPM. On Sheet LAS-E-ATCT-F901, the fire pump is called out with a rating of 500 GPM. In

the past, Clark County Fire Department has not allowed the use of fire pumps beyond 100% of their rated capacity. If that's the case on this project, the rating of the fire pump would need to be at least 750 GPM to match the demand of the tower automatic standpipe system.

Answer: Provide as designed and specified

112. Question: The concrete on the tower is to receive Three (3) dark integral colors. See attached color chart. Maintaining the consistent color without noticeably form lines and without inconsistencies is not possible. You will see color variations and you will see every patch made for construction and for future maintenance. May we utilize other methods to accommodate your color desires and still provide you with a reasonable warranty against fading and inconsistencies? Skim coating and sealing? Painting and sealing?

Answer: Bid as specified and shown.

113. Question: If we can achieve and have the documents for a blast resistant wall without 4 sided wet glazing, will this be an option?

Answer: Contractor must meet all specification requirements and documents.

114. Question: Is all piping supposed to be galvanized. Including the fire pump room? Specification 21-13-13 paragraph 2.2 A&B call out black and galvanized and section 21-12-00 paragraph 3.15 B&C call out black steel. It has been my experience that all fire sprinkler pipe at McCarran had to be A53, A135, or A795 scheduled 40 galvanized.

Answer: See amendment 003

115. Question: Section 21-13-16 paragraph 1.7A: We do not have an engineer on payroll; however, we do all of our design work based on a fire protection report provided to us by the owner or owner's representative and/or design criteria provided such as was provided for us for this project. If we contract with an outside engineer and have him oversee our work is this acceptable or would we need the engineer to do the actual drawings and submittals?

Answer: Both specifications 21 13 16 and 21 13 13 require that fire protection contractor provide "professional engineering services needed to assume engineering responsibility." Including working plans and calculations. Refer to paragraph 1.5 and 1.6 which require seal and signature by professional engineer.

116. Question: Drawing E119 notes 19 and 20 tell you to see detail G2 on drawing E502 for hand hole detail. Detail G2 note 1 states that "hand hole size dimensions are specific for each application and are indicated on the drawings." There are no hand hole dimensions shown on the drawings. Please provide.

Answer: See response to Question No. 59 in Amendment No. 004.

117. Question: Electrical symbols legend stats that fixtures that are shaded are to have emergency ballast. Per the fixture rep. the LED fixtures do not have an option to add emergency ballast.

Answer: See response to Question No. 60 in Amendment No. 004.

118. Question: Will there be NV Energy or Century-Link drawings issued for this project?

Answer: The drawings will be presented to the contractor once the drawings are complete. Future negotiations will be necessary to include this work into the contract once the designs are complete and pricing can be accomplished.

119. Question: Drawing E125 detail D7 calls out key note 11. However there is no key note 11 listed under the notes. What is note 11 suppose to be?

Answer: Delete keyed note 11 and the associated conduits through the wall in Detail D7, Sheet E125.

120. Question: RE Visual Display Surfaces 10 11 00 The specification describes Marker Boards, the Key Notes on the drawings state "Combination White Board/Tack Board" it is possible to have for example a combination 2' Tack Board then 6' Marker Board then another 2' Tack Board for a total of 10' wide board. Please explain! There is also no elevation drawings describing them or showing sizes or elevations.

Answer: Provide the 4' tackboard and 6' marker board style.

121. Question: On the Control Tower drawing level 18 & 19 Key Note 11 Fixed Metal Shelving, See Interior Elevations. There isn't a Interior Elevation Drawing showing or a specification describing it

Answer: Provide heavy duty metal storage shelving.

122. Question: Is there a signage spec available?

Answer: Signage schedule was included in Amendment No. 004.

123. Question: Section 21 13 13, 2.2 calls out for Galvanized pipe and black steel pipe, is the piping for the wet sprinkler and wet standpipe systems to be galvanized throughout including the fittings and couplings?

Answer: Refer to Amendment No. 003

124. Question: Section 21 13 13, 3.16 C&D specify pipe to black steel – 4" and smaller to be Schedule 30 and threaded ends whereas 5" and larger to be Schedule 10 and roll-grooved ends. The Industry Standard is 1 ½" pipe and smaller to be Schedule 40 and Threaded ends (occasionally roll-grooved) and 2" and larger to be schedule 10 and roll-grooved ends. Is the industry standard acceptable?

Answer: Refer to amendment No. 003

125. Question: Please concur that either Roll-grooved ends or cut-grooved ends are acceptable for this project on the sprinkler piping?

Answer: Refer to amendment No. 003

126. Question: Are sleeves required through Gyp board walls regardless if wall is fire rated or not? If yes does this apply to the sprinkler main feeds only and not to the branch lines which normally are smaller than 2”?

Answer: Refer to amendment No. 003

127. Question: Parking Structure drawings show the hose valves spacing to exceed the maximum allowable using a 100ft of hose and 30ft water spray. Will we be required to add two more hose valves at center point on each level?

Answer: Refer to amendment No. 003

128. Question: Per Fire Protection Drawings F001, ATCT Tower Standpipe specifies 125 PSIG at the most remote Hose Valve connection (Level 20), per NFPA 14 and to achieve the 100 PSIG required at the hose outlet on Level 22, the pressure required on Level 22 Hose Valve will be 139 PSIG. Is this acceptable?

Answer: Refer to amendment No. 003

129. Question: Based on preliminary calculations the travel distance from the hose valve on Level 20 to the top of the stair on Level 22 exceeds 100 ft which the normal length of a fire hose. Is this acceptable or will a Hose Valve be added on Level 21 to take care of this?

Answer: Refer to amendment No. 003

130. Question: Does the Clark County Fire Department (CCFD) amendment on hose valves apply to this project? (See attached)

Answer: Refer to amendment No. 003

131. Question: Per NFPA 14 7.8.3.2 requires a pressure regulating hose valve to be installed once the inlet static exceeds 175 PSI (200 PSI per CCFD). Based on this a 3” Pressure Regulating Hose Valve test a drain piping will be required. Our recommendation is to install on 3” pipe drain say in stair #3 only. When the hose valves located in Stair #2 a hose can be used to connect the hose valve to the 3” drain in Stair #3. Is this acceptable?

Answer: Refer to amendment No. 003

132. Question: Does the Buy American Act apply to this project? Does all the material have to be domestic?

Answer: Refer to Question 51 of Amendment No. 003.

133. Question: In addition to submitting to the FAA, are we required to submit to the CCFD for fire sprinkler approvals? (Clark County Fire Department)

Answer: Refer to amendment No. 003; Yes. Courtesy reviews will also be conducted by Clark County Fire Department

134. Question: Sheet M110 - C5/M110 Plan View does not match the B3/M301 Detail. Specifically, the routing of the return air on floor 17. Please advise how to proceed.

Answer: Refer to Amendment No. 004

135. Question: Section 28 30 00 FAA Master Fire Alarm System Section 1.3 Quality Assurance does not list Siemens Industry as an Acceptable fire alarm contractor. However, Section 2.5 Fire Alarm Control Panel Shows a Siemens Cerberus model MXL as an acceptable Panel. Please advise if Siemens is authorized to bid this project as an acceptable contractor.

Answer: Add Siemens Cerberus to the Manufacturers in paragraph 2.1.A. They are authorized to bid on the project.

136. Question: Will a fire protection report be available prior to the bid date?

Answer: Flow test report to be part of submittals from the contractor.

137. Question: Will there be a smoke control design matrix provided prior to bid?

Answer: No. Refer to sequence of operation.

138. Question: Is Clark County Fabricator Certification Required? If so, for structural and miscellaneous?

Answer: No; however, minimum qualifications, where identified in the various specification sections, must be met.

139. Question: Please clarify what areas are required to receive Powder Coated steel.

Answer: No areas to receive powder coated steel.

140. Question: Are Deck Piercing Hanger Tabs required or Rolled in Hanger Tabs sufficient?

Answer: "Rolled in" are ok.

141. Question: Is the stair fabricator required to be certified by Clark County licensing requirements?

Answer: No, similar to other steel fabricators

142. Question: Do to the location are the working hours flexible for scheduling?

Answer: Yes. Coordinate with Contracting Officer and Contracting Officer's Technical Representative.

143. Question: Are alternate manufacturer methods acceptable for the Tuned Mass Damper other than the proposed concept of design shown on the drawings? The same location will be maintained and less space may be used in the same room.

Answer: The design shown is not a concept and works with the structural and dynamics of the tower. Need more clarification.

144. Question: Detail E8/S507 shows the sections of the concrete beams in the Base Building walls. The bottom of the beam is indicated and shown on the detail with no joints at the bottom of the beam. The Elevations in the structurals drawings do not indicate that this beam has a control joint at the bottom either. In the architectural drawings A201 & A202 it indicates per note 12 that in these areas at the bottom of the beam there should be a control joint per detail B3/A201. Please clarify if the Architecturals are correct and provide a detail on the structural drawings indicating which detail will apply if a control/construction joint is required at the bottom of the beams.

Answer: Provide control/construction joint at bottom of beam as shown on structural.

145. Question: Refer to Drawing A407. The Stair Guardrail in the Base Building calls for the Mesh Infill Screen to be Stainless Steel Welded Wire. The Project Specifications call for a Stainless Steel Woven Wire Crimped. The specifications does not specify whether we are to utilize a "Lock Crimp" or a "Inter Crimp" Weave. Nowhere has it been noted what the Open Size is to be or what Gauge Wire is to be Utilized. Please tell us exactly what you would like the Mesh Infill Screen Materials to be.

Answer: Provide Lock crimp weave; wire diameter .250", 4"oc opening each way. Design based on McNichols #3294250041 or equal.

146. Question: Please confirm that all Miscellaneous Metals that are not Stainless Steel are to be shop primed only by the DIV 05 Miscellaneous Metal Fabricator. All Finish Painting required is to be performed by the DIV 09 Painting Contractor.

Answer: Part 1: follow directions in amendment 004. Part 2: contractor to provide direction.

147. Question: On sheet A203 at elevations 175' and 259', there are circles drawn on the centerline of the shaft. Does this detail represent an exterior light fixture or a stabilization button? Please clarify.

Answer: They are exterior lights as shown in D7/E106 and D8/E107.

148. Question: On sheet A204 at elevations 175', there is a circle drawn on the centerline of the shaft. Does this detail represent an exterior light fixture or a stabilization button? Please clarify.

Answer: Duplicate. See question #147 above.

149. Question: Notes 7 on sheets A306 & A307 references an Exterior Maintenance Stabilization Anchor. There are numerous detail markers on sheets A306 & A307 which direct you to sheet A503. However, none of the drawing details on sheet A503 reference an Exterior Maintenance Stabilization Anchor. Please provide drawing and connection details for these Exterior Maintenance Stabilization Anchors.

Answer: Maintenance Stabilization Anchors shall be provided and installed with the Davit Arm supplier. Refer to Exterior Building Maintenance System. Details will be reviewed with shop drawings of the system.

150. Question: Detail C6 on sheet A505 shows an object protruding from the structural steel through the exterior glazing. Please identify this object.

Answer: This is a stainless steel Support plate for attachment of the lightning protection. Design by Lightning protection contractor.

151. Question: Note 6 on sheet A408 denotes that the TRACON equipment is NC (Normally Closed, Noise Criteria). Please confirm that this notation is to read NIC (Not In Contract).

Answer: YES TRACON Equipment is Not in Contract.

152. Question: Note 7 on sheet A503 states that there are "Davit" seats located at the corner posts on Level 21. However, on sheet A112 there is no reference to the location or quantity of "Davit" seats on Level 21. Please clarify. (Embedded image moved to file: pic14945.jpg)

Answer: "Davit" Seats are at Every Corner post (I.e. 16 corner posts).

153. Question: Note 17 on sheet A113 mentions that there are Roof Tie-Off Points at 18 Locations. Please provide the locations and connection details for these Roof Tie-Off Points. (Embedded image moved to file: pic08909.jpg)

Answer: Part of "Davit" system see answer to #149.

154. Question: In detail C3 on sheet A113, there are four (4) circles drawn on the Level 23 - Cab Roof. Do these details represent Roof Tie-Off Points? If so, Please provide the locations and connection details.

Answer: Circles are to be removed.

155. Question: Refer to subsections 2.4 and 2.7 of specification section 11 45 00. Subsection 2.4 references Undercounter Refrigerator/Freezer. Subsection 2.7 references Ice maker (Ice) that

are an under-counter type. The drawings do not show these type of appliances to be installed. Is the Contractor to supply these appliances? If so, please provide a quantity and location.

Answer: There are no under-counter refrigerators or icemakers.

156. Question: Refer to paragraph 1.8.B of specification section 07 54 23. We will be unable to obtain a Proposal Guarantee if the documents require a Contractor warranty longer than 5 years. Accordingly, we ask that the FAA change "Contractor" in this paragraph to "Provide Manufacturer's standard puncture resistance warranty in which Manufacturer".

Answer: Agreed. Manufacturer must provide warranty for 20 years from CAI. Contractor must enforce for two years from CAI.

157. Question: Refer to paragraph 1.7.A of specification section 08 44 13. We will likely be unable to obtain a Subcontractor's Proposal Guarantee if the documents require an Installer warranty longer than 5 years. Accordingly, we ask that the word "Installer" be removed from this paragraph, leaving "manufacturer".

Answer: Remove "Installer" from 08 44 13, 1.7.A.

158. Question: After further research, Koroseal says they can produce the custom 12'x12' wall panel behind the security desk but cannot give us a quote until they know what finish is desired. If it is to be Painted, no problem but if it to get a "Film" finish, they have to know what product number of the film desired because there are a bunch and all priced differently. #125 as specified doesn't give the finish for Koroseal.

Answer: Paint.

159. Question: Our surety is asking if the Proposal Guarantee is to be limited to \$3,000,000 like other Federal projects.

Answer: The Proposal Guarantee amount shall be at least 20 percent of the bid price but shall not exceed \$3 million.

<<<END OF AMENDMENT>>>